

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville TN 37243

1-888-891-8332 (TDEC)

Compliance Inspection for General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)

Site/Project Name:	Memphis Regional Intermodal Facility (IMF) - Norfolk Southern Railway Company	NPDES Tracking Number:	TNR153856
Street Address or Location:	3000 Norfolk Southern Way,	Date Coverage was Issued	13-DEC-13
Site Description:	Convert temporary sediment control basins into permanent stormwater basins. Continue vegetating areas disturbed during IMF construction.	Start date:	01-DEC-13
County(ies):	Fayette	Estimated end date:	31-OCT-14
EFO:	Memphis	Latitude (dd.ddd):	35.02694
MS4 Jurisdiction:	N/A	Longitude (-dd.ddd):	-89.5733
		Acres Disturbed:	40
		Total Acres:	

Name of Permittee (Developer/Operator): Norfolk Southern Railway Company

Name of Official Contact:	Anthony Caruso	Email:	Anthony.Caruso@nscorp.com	Contact Phone:	901-375-9477
Address:	1200 Peachtree St. NE, 7-142	City:	Atlanta	State:	GA
				Zip:	30309

Check List (office & field checks)	Yes	No	Comments
1 Does the site have CGP coverage?	X		
2 Is NOC posted on site?			Not observed
3 Have the site contractors signed the NOI?			Only WCA Land Development has signed on to the coverage
4 Is the current SWPPP available for review?			In MEFO file
5 Are EPSCs in accordance with SWPPP?			See comments
6 Are EPSCs installed properly and functional?			See comments
7 Are inspection reports available on site?			Not observed/not requested
8 Is the proper buffer zone maintained?	X		
9 Inactive areas stabilized in 14 days? (7 days for steep slopes?)			See comments
10 Are more than 50 acres disturbed at one time?		X	
11 Has sediment discharged off site?			No off-site sediment discharge observed at time of inspection
12 Has sediment discharged into waters of the State?			Not verified
13 Are there unauthorized alterations to waters of the State?		X	
14 Are there violations of an existing ARAP? If so, ARAP No.?		X	
15 Other pollutants/discharges or unusual problems?		X	
16 Project complete & stable; no constr.-related SW discharges?		X	

General Comments:

Routine	X	Comprehensive	Complaint	Follow Up	Termination
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On-Site Contact (if available)

On-Site Contact Name (Print):	On-Site Contact Title:	Signature:	Date:
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TDEC Personnel/Information

Inspector's Name (Print):	Signature:	Date:	Memphis Environmental Field Office 8383 Wolf Lake Drive Bartlett, Tennessee 38133 Inspector's Phone: 901-371-3028
Cliff Caudle		May 6, 2016 Time: 09:39 AM	

Memphis Regional Intermodal Facility (IMF) - Norfolk Southern Railway Company
Fayette County, Tennessee
TNR153856

Weather: ~ 68°F, mostly clear to partly cloudy, mild

Cliff Caudle of the Division of Water Resources performed a routine inspection of the site, and was escorted during the inspection by Mr. Mark Sheets, Terminal Manager for the intermodal facility.

Areas around the Loop Track were well-vegetated, including Outfall 34.

Side slopes of Basin 4 were mostly well-vegetated; the low-flow channel had a sandy bottom. Erosion and gullies were observed around the slotted box outfall structure in Basin 4. Reddish-brown staining was observed on the outfall structure indicating sediment-laden water may have risen several ft. in the basin, creating potential for discharge to SW9 & Stream 5. The north end of the storm water conveyance/retention basin along the east side of the intermodal yard was well-vegetated. The levee at the north end of the east conveyance/retention basin, and the slopes from the levee to the outfall/culvert/wingwall structure at SW9 were well-vegetated. Slopes around Outfall SW9 were mostly well-vegetated, but channel bottoms below outfall pipes at Outfall 9 were bare sand. A rip-rap flume down the large eastern slope had failed near light pole 115, and sediment had accumulated in the eastern conveyance. A slump slope failure had occurred near light pole 125, and sediment had accumulated in the eastern conveyance below the slump. A large, sparsely vegetated area was observed in the vicinity of light pole 129 above the eastern conveyance. Slopes around Outfall SW12 were mostly well-vegetated. Water in Stream 6 was clear over a sandy bottom. Upper slopes and side slopes of Basin 3 were stabilized & well-vegetated; the only unstable areas were sandy bottoms of low-flow channels in the basin.

The Division recommends diligent re-stabilization of the areas mentioned above.